

4. (currently amended) ~~Use~~ The method according to ~~any of~~ the ~~preceding~~ claims 2, wherein X^2 is selected from the group consisting of modified Ser, modified Cys and modified Lys, ~~such as wherein X^2 is modified Ser.~~

5. (currently amended) ~~Use~~ The method according to ~~any of~~ the ~~preceding~~ claims 2, wherein the ghrelin-like compound is selected from ~~a compound~~ the group consisting of:

formula II $Z^1 - \text{Gly} - (X^1)_{m-1} - (X^2) - (X^3)_n - Z^2$,

formula III $Z^1 - \text{Gly} - \text{Ser} - (X^2) - (X^3)_n - Z^2$, and

formula IV $Z^1 - \text{Gly} - (X^2) - (X^3)_n - Z^2$.

6. (currently amended) ~~Use~~ The method according to ~~any of~~ the ~~preceding~~ claims 2, wherein the ghrelin-like compound is having formula III.

7. (currently amended) ~~Use~~ The method according to ~~any of~~ the ~~preceding~~ claims 2, wherein $(X^3)_n$ comprises a sequence selected from ~~one or more of the sequences shown below~~ the group consisting of:

In re of: JANSSON7

Phe Leu Ser Pro Glu His Gln (SEQ ID NO: 22)

Phe Leu Ser Pro Glu His (SEQ ID NO: 23)

Phe Leu Ser Pro Glu (SEQ ID NO: 24)

Phe Leu Ser Pro (SEQ ID NO: 25)

Phe Leu Ser (SEQ ID NO: 26)

Phe Leu (SEQ ID NO: 27)

Phe (SEQ ID NO: 28)

8. (currently amended) Use The method according to any of the preceding claims 2, wherein n is an integer in the range of from 1-25, such as of from 1-24, such as from 1-15, such as of from 1-10, such as of from 10-25, such as of from 10-24, such as of from 15-25, such as of from 15-24,

9. (currently amended) Use The method according to any of the preceding claims 2, wherein $(X^3)_n$ is selected from the group consisting of one or more of the sequences shown below:

In re of: JANSSON7

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser
Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg (SEQ ID NO: 4)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser
Lys Lys Pro Pro Ala Lys Leu Gln Pro (SEQ ID NO: 5)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser
Lys Lys Pro Pro Ala Lys Leu Gln (SEQ ID NO: 6)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser
Lys Lys Pro Pro Ala Lys Leu (SEQ ID NO: 7)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser
Lys Lys Pro Pro Ala Lys (SEQ ID NO: 8)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser
Lys Lys Pro Pro Ala (SEQ ID NO: 9)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser
Lys Lys Pro Pro (SEQ ID NO: 10)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser
Lys Lys Pro (SEQ ID NO: 11)

In re of: JANSSON7

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser
Lys Lys (SEQ ID NO: 12)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser
Lys (SEQ ID NO: 13)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser
(SEQ ID NO: 14)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu
(SEQ ID NO: 15)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys (SEQ
ID NO: 16)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg (SEQ ID
NO: 17)

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln (SEQ ID NO:
18)

Phe Leu Ser Pro Glu His Gln Arg Val Gln (SEQ ID NO: 19)

Phe Leu Ser Pro Glu His Gln Arg Val (SEQ ID NO: 20)

In re of: JANSSON7

Phe Leu Ser Pro Glu His Gln Arg (SEQ ID NO: 21)

Phe Leu Ser Pro Glu His Gln (SEQ ID NO: 22)

Phe Leu Ser Pro Glu His (SEQ ID NO: 23)

Phe Leu Ser Pro Glu (SEQ ID NO: 24)

Phe Leu Ser Pro (SEQ ID NO: 25)

Phe Leu Ser (SEQ ID NO: 26)

Phe Leu (SEQ ID NO: 27)

Phe (SEQ ID NO: 28)

10. (currently amended) ~~Use~~ The method according to any
of the preceding claims 2, wherein the bulky hydrophobic acyl
group is selected from a C1-C35 acyl group, ~~such as a C1—~~
~~C20 acyl group, such as a C1—C15 acyl group, such as a C6—~~
~~C15 acyl group, such as a C6—C12 acyl group, such as a C8—~~
~~C12 acyl group.~~